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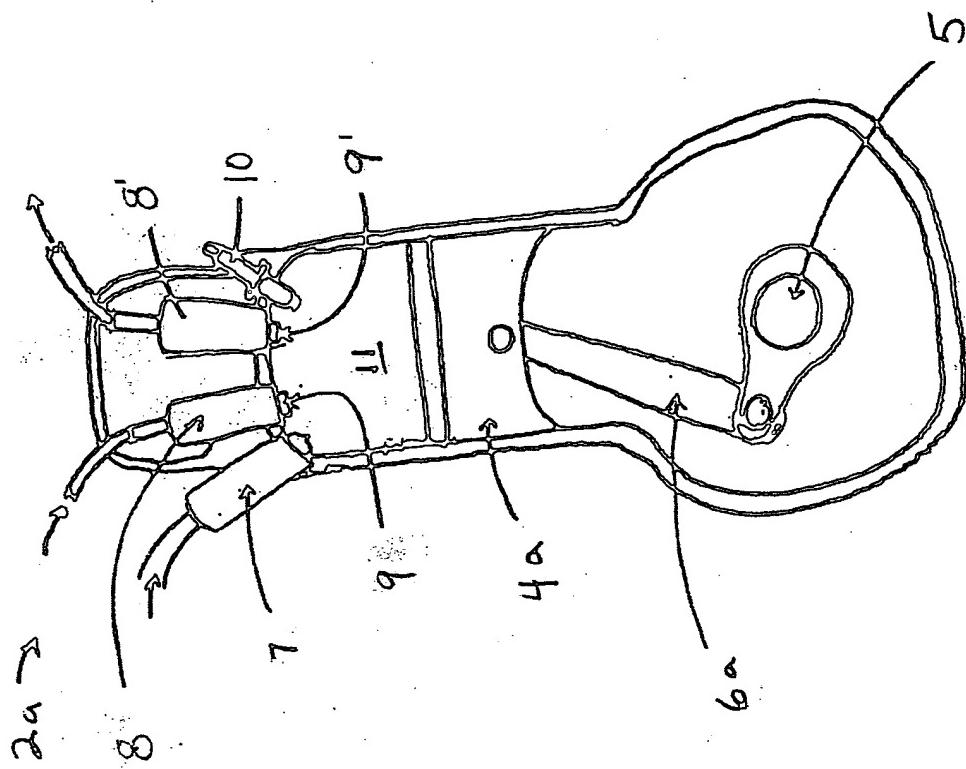


FIG 1B

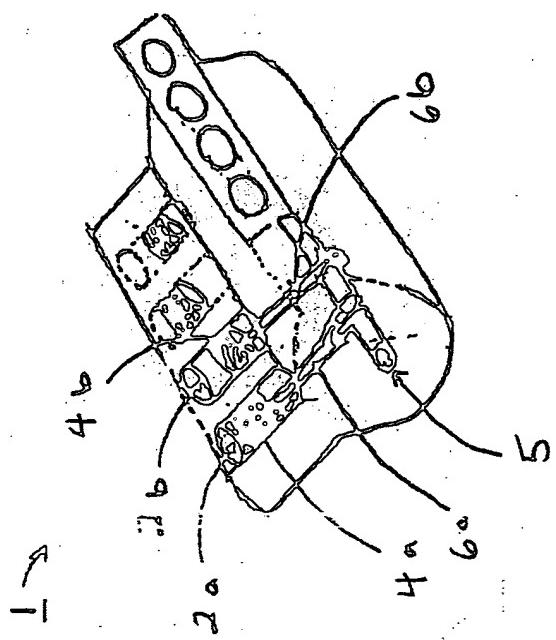


FIG 1A

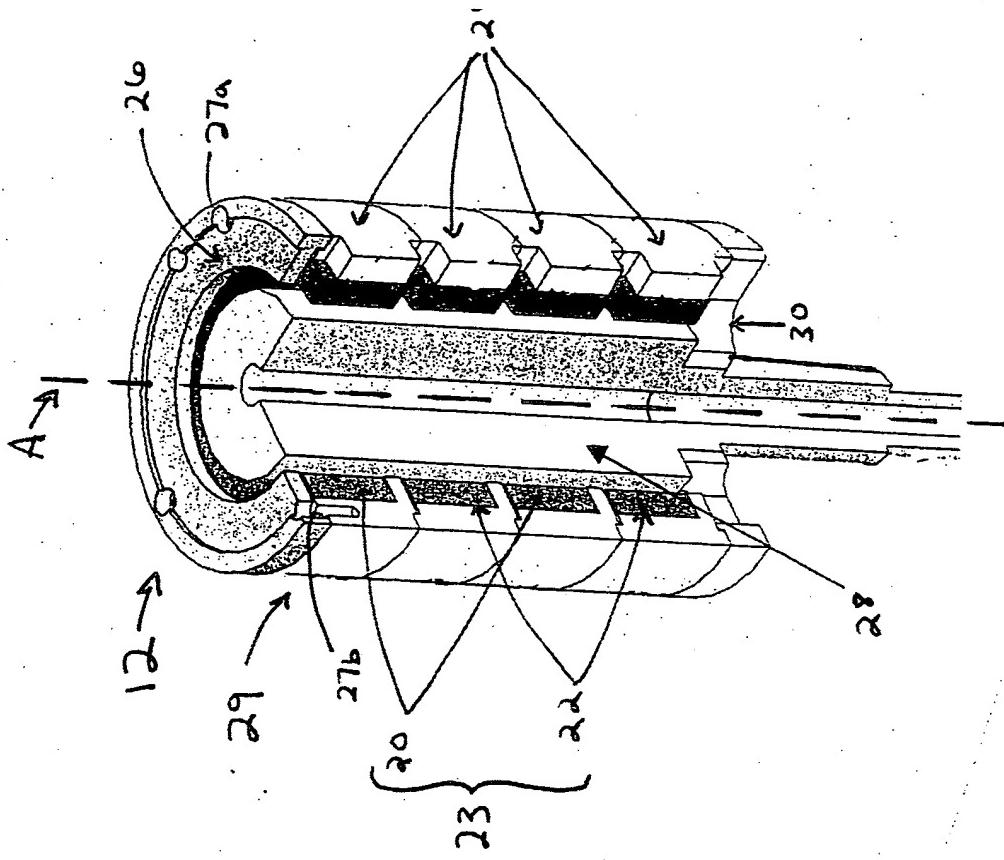


FIG 2B

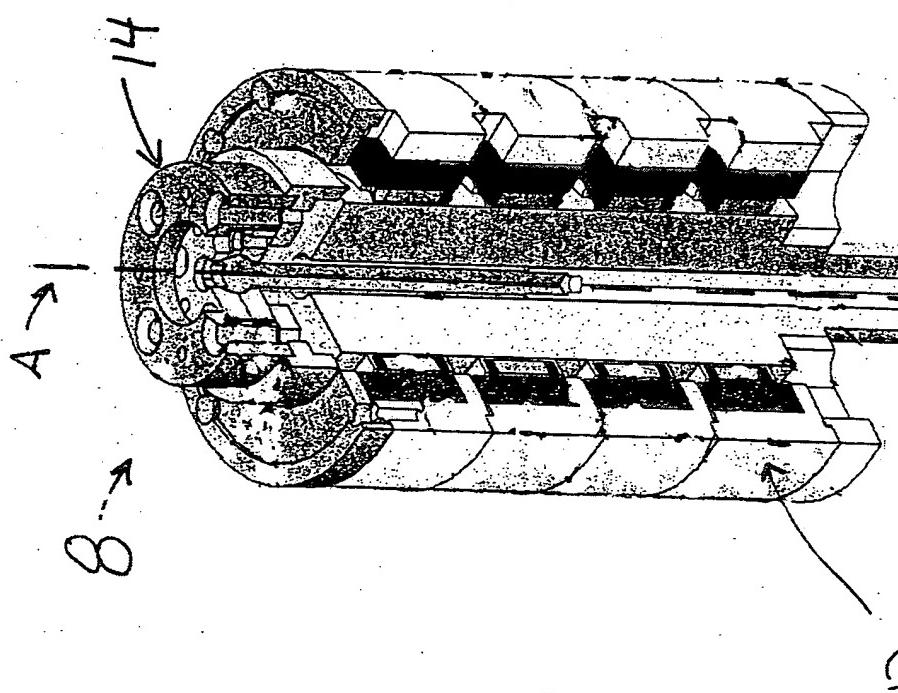


FIG 2A

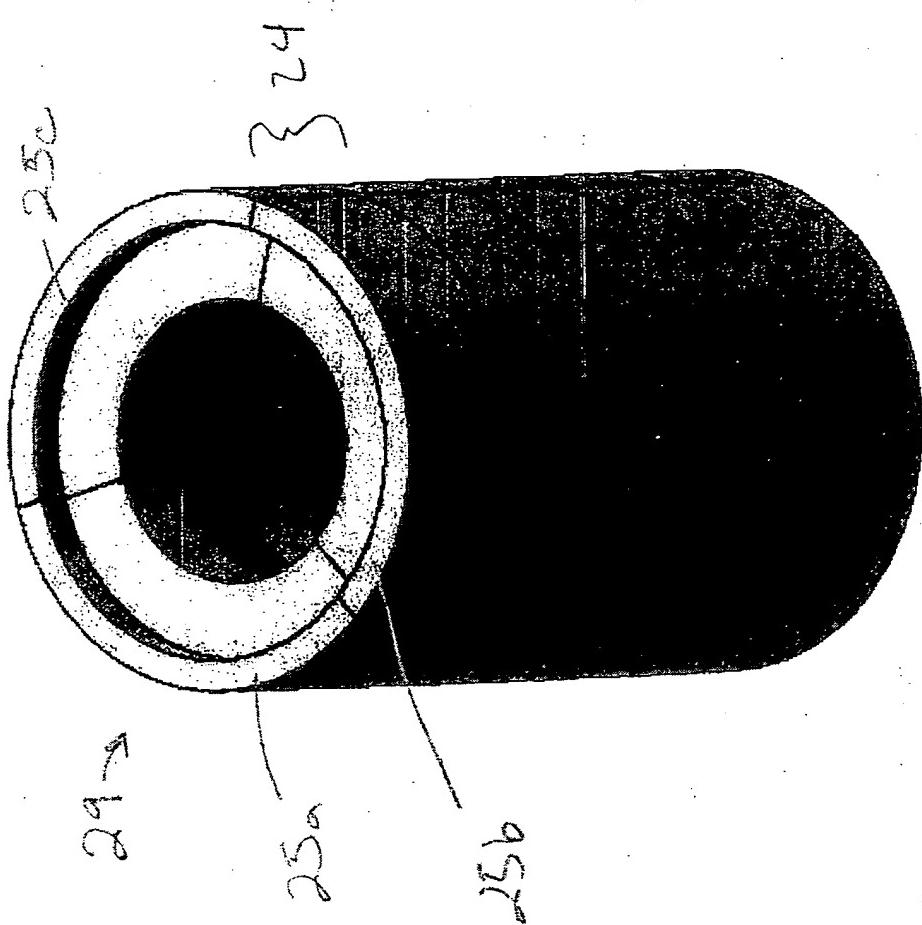


FIG 2C

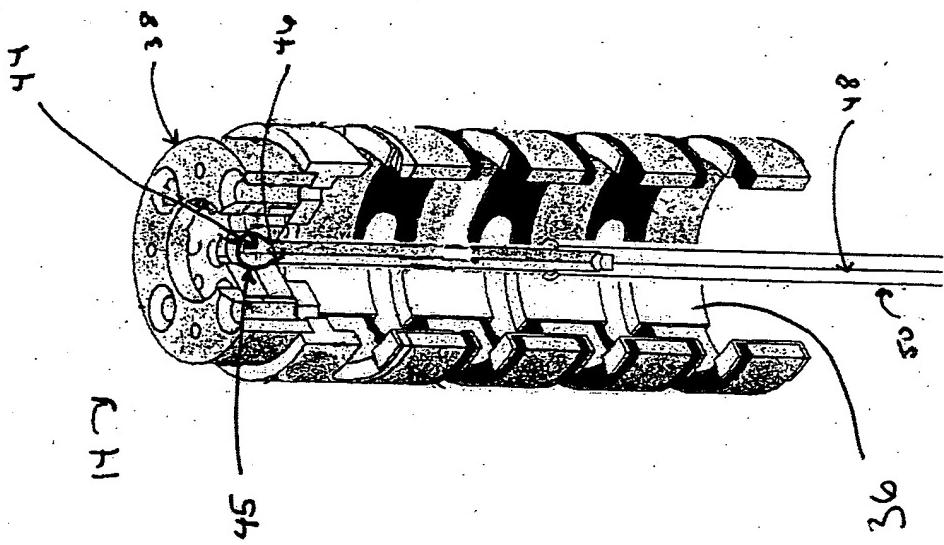


FIG 2E

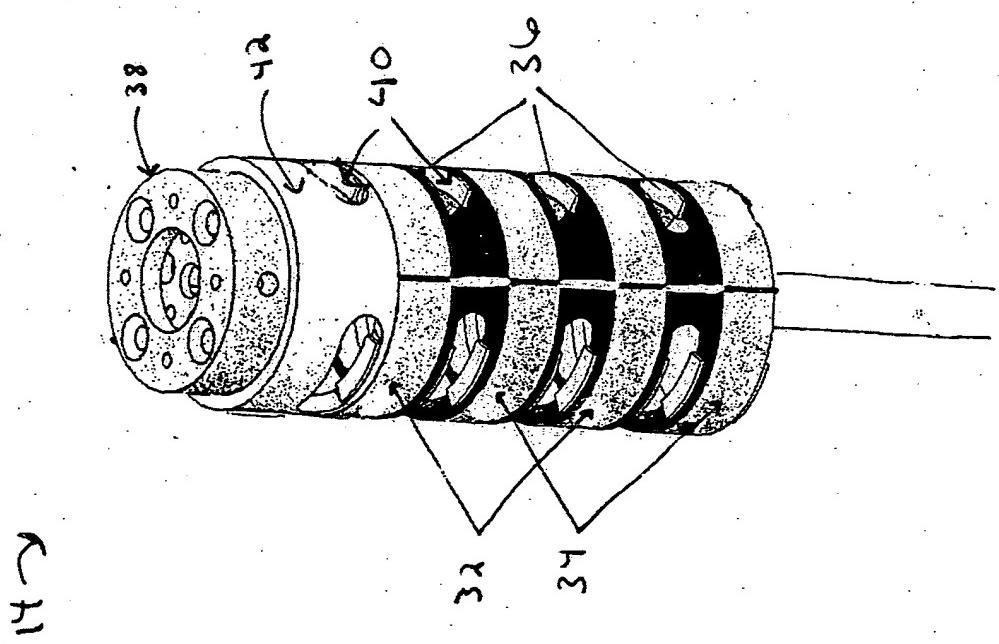
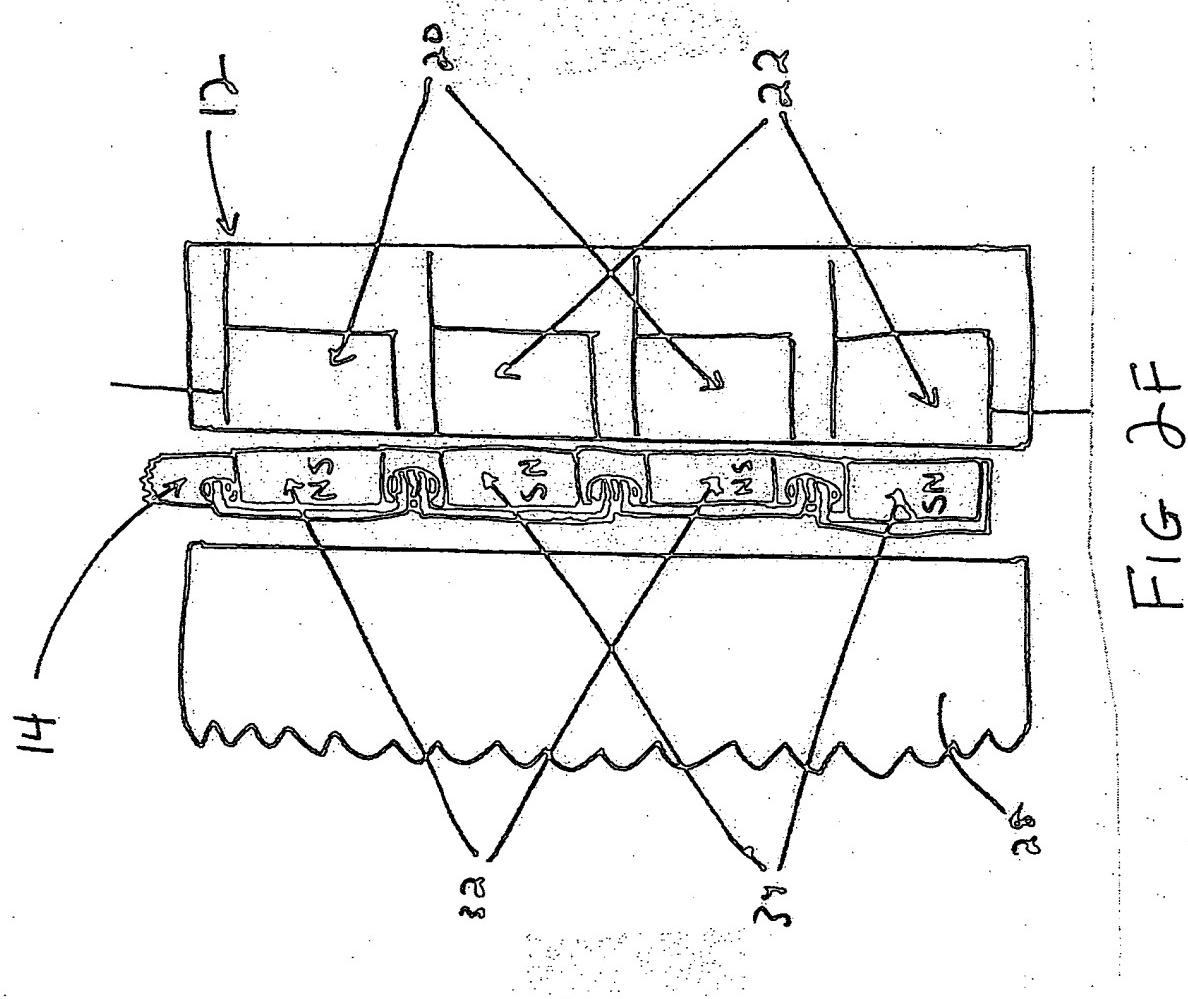


FIG 2D



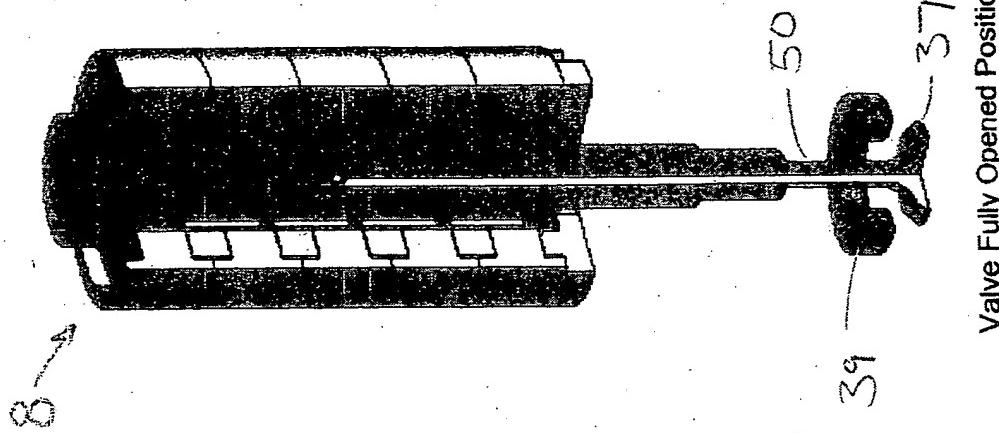


Fig. 2H

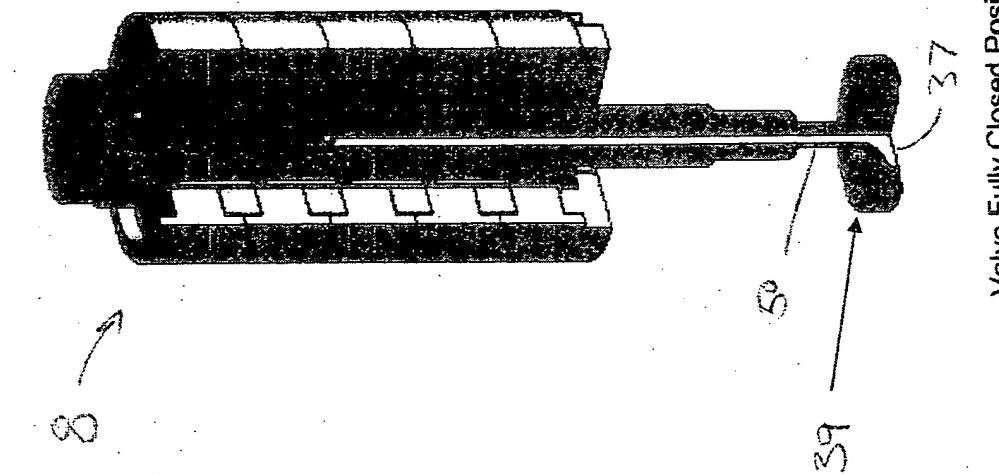


Fig. 2G

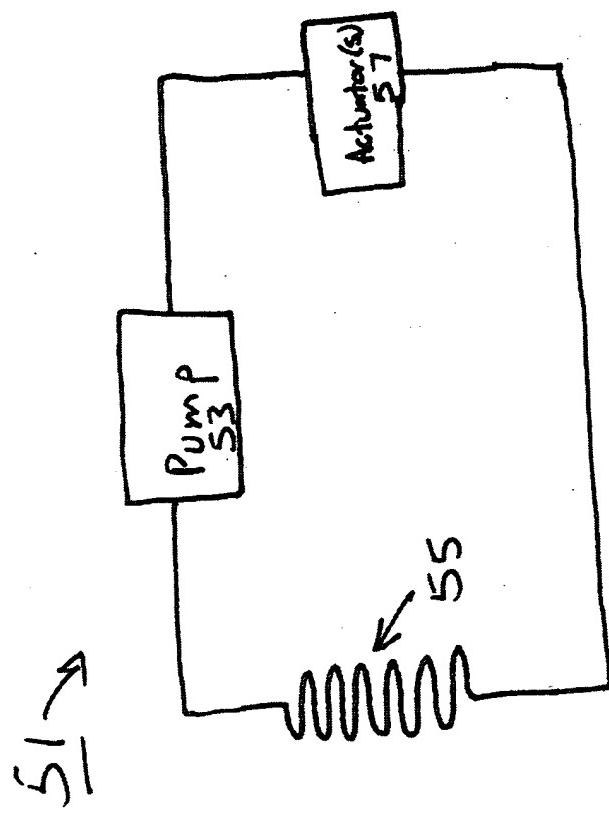


FIG. 3A

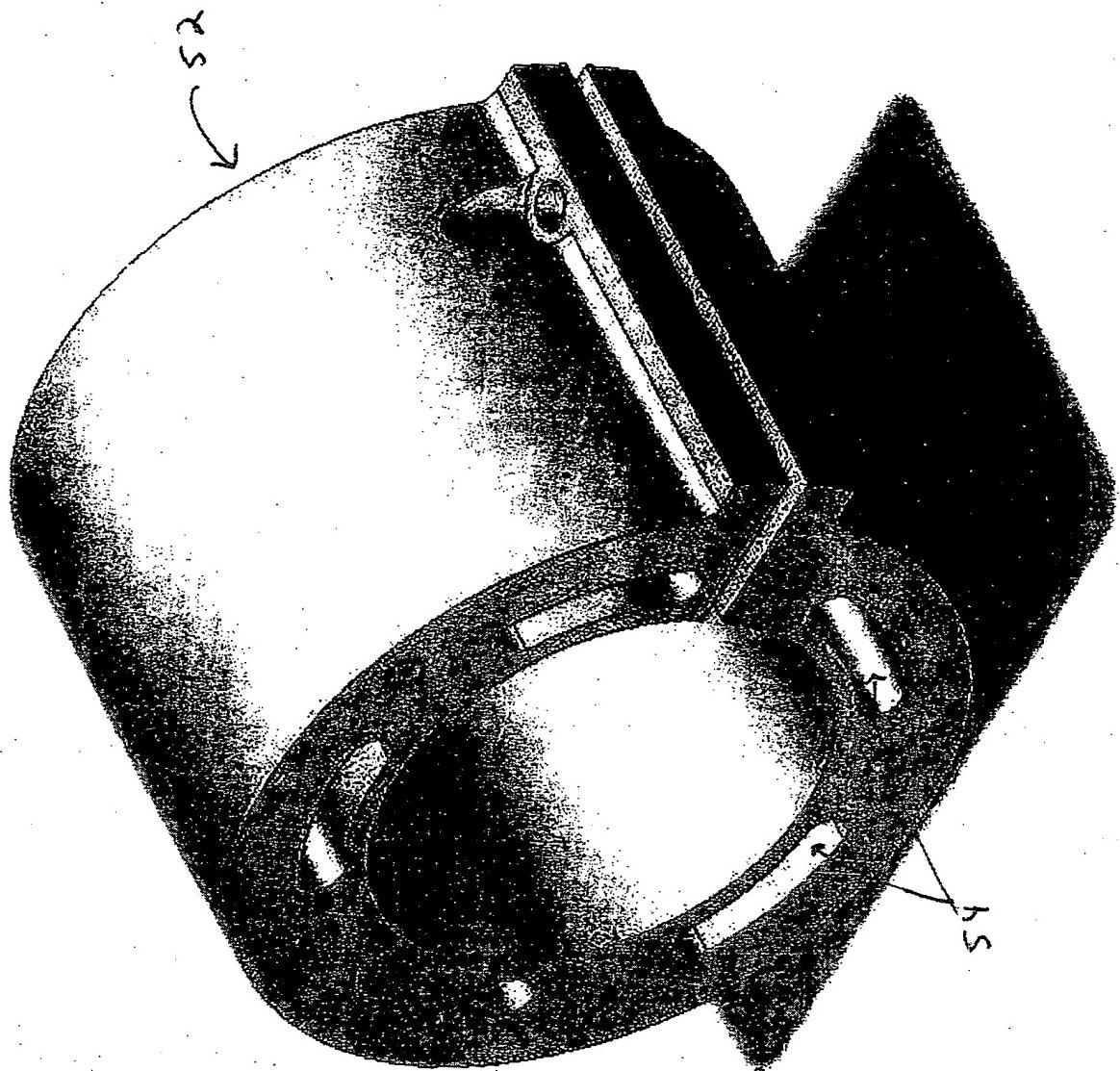


FIG. 3B

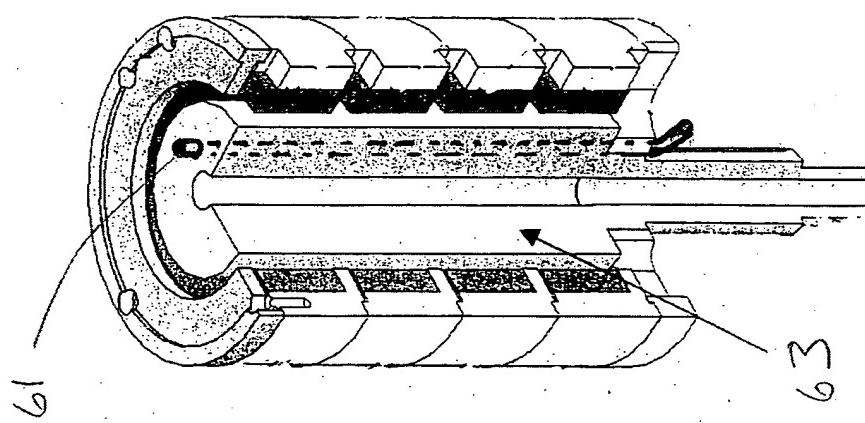


FIG. 3.C

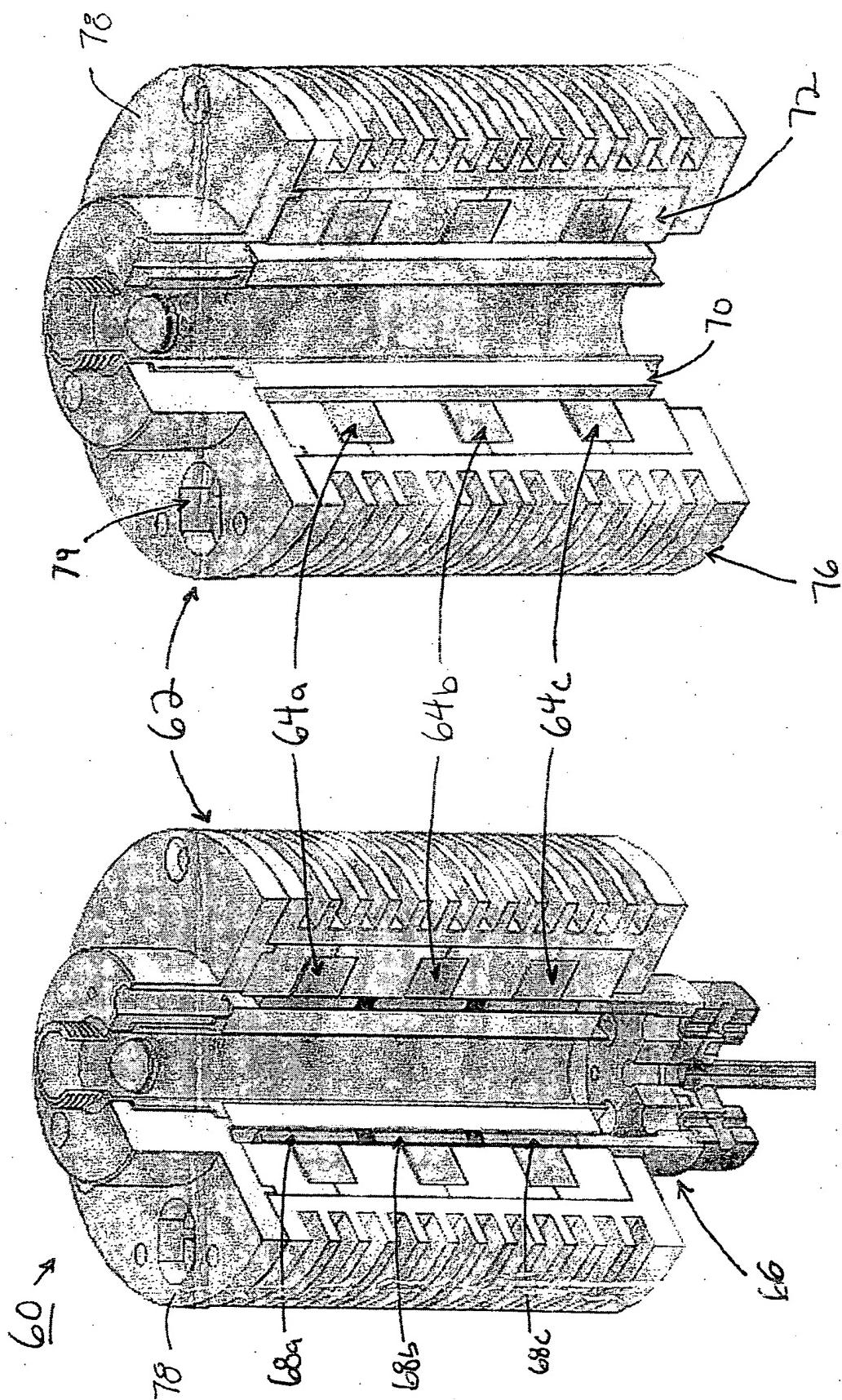


FIG. 4B

FIG. 4A

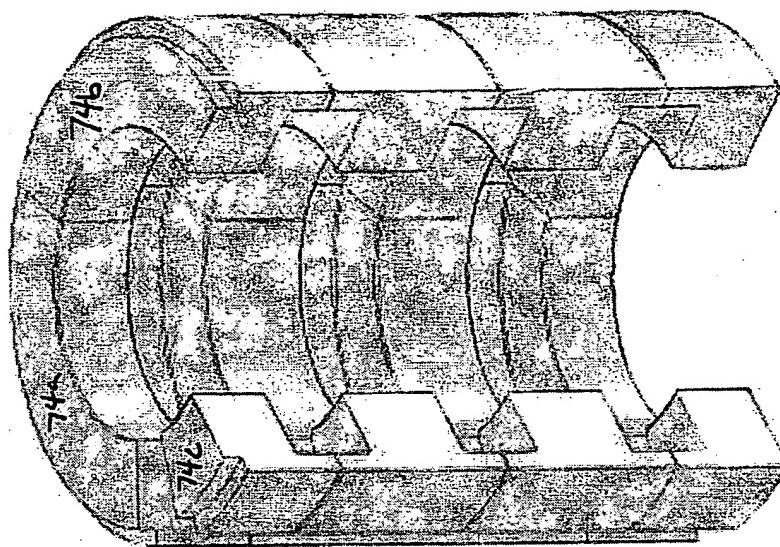


FIG. 4D

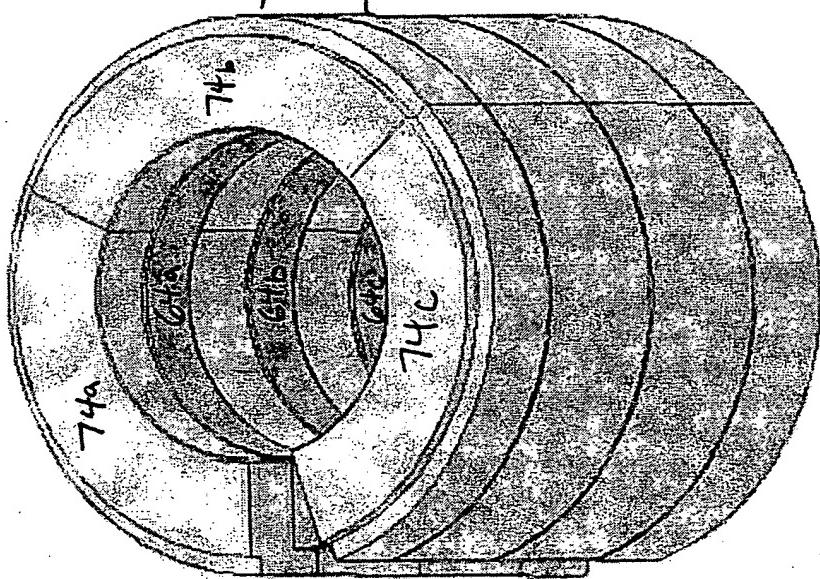


FIG. 4C

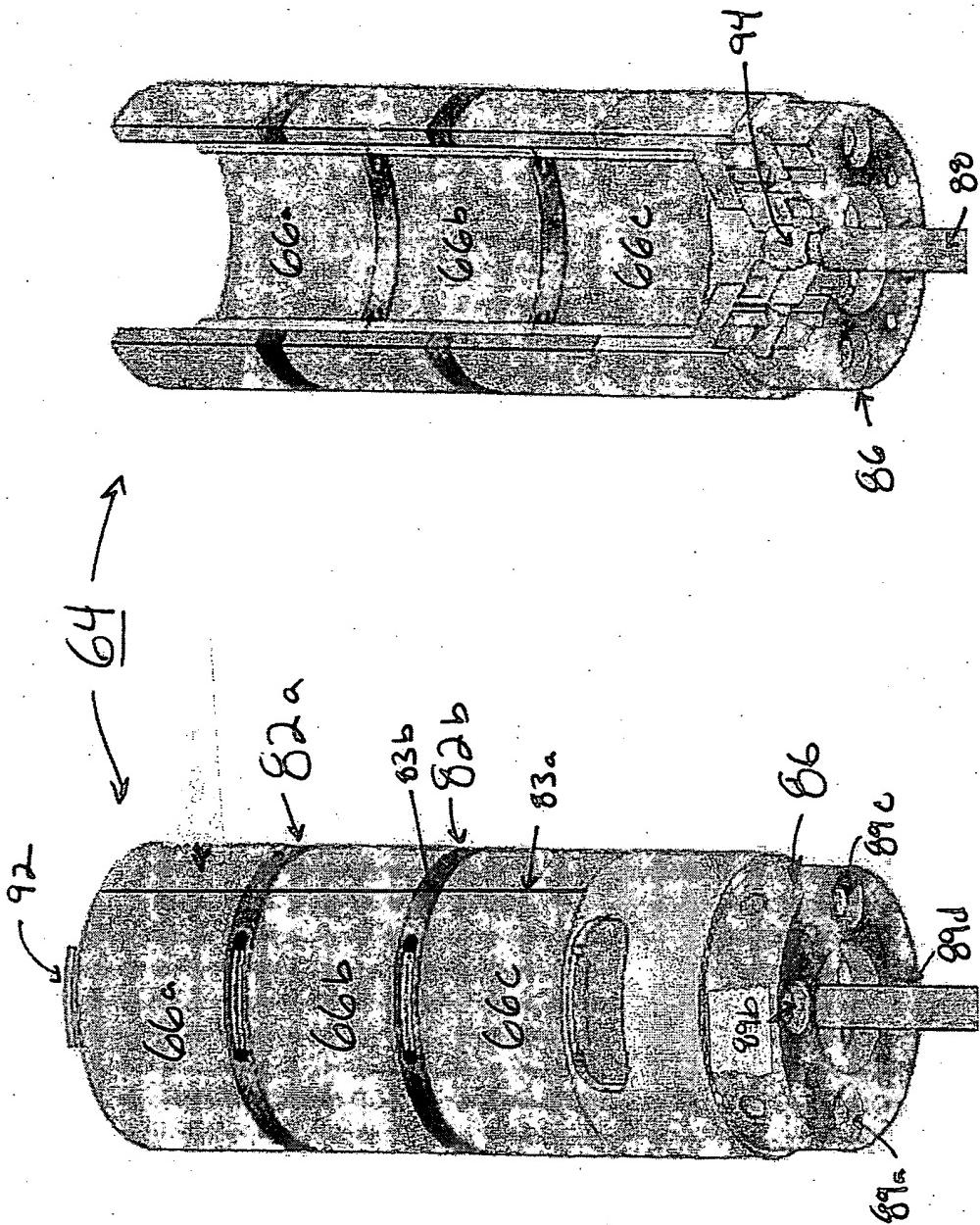
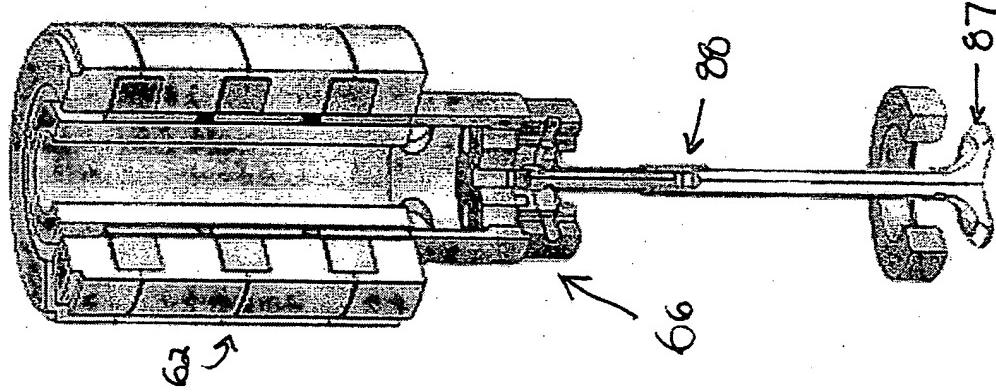
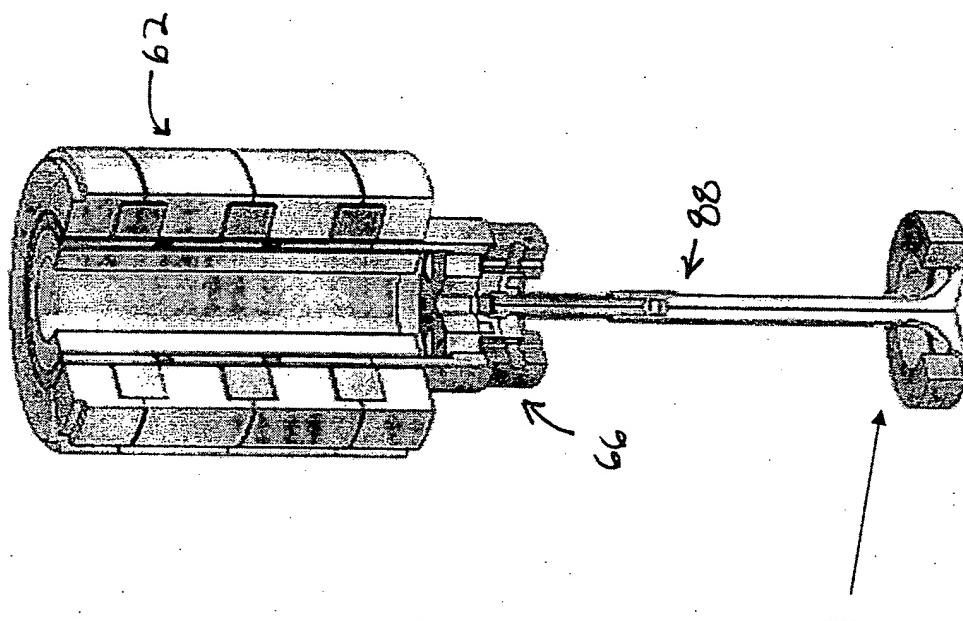


FIG. 4E

FIG. 4F



Valve Fully Opened Position



Valve Fully Closed Position

FIG. 4H

FIG. 4G

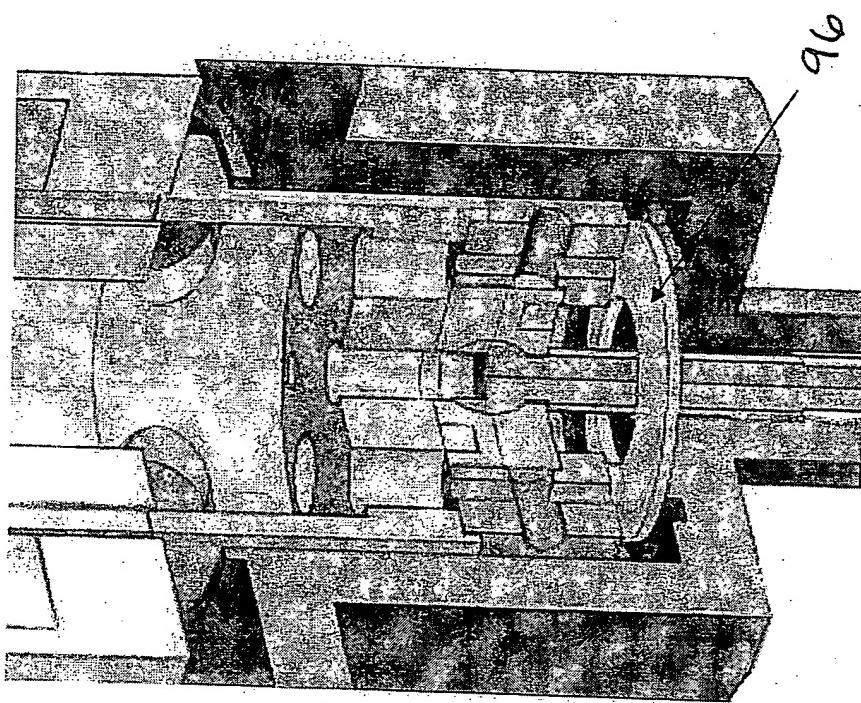


FIG 4I

Overhung vs Underhung Magnet, Acceleration vs. Position

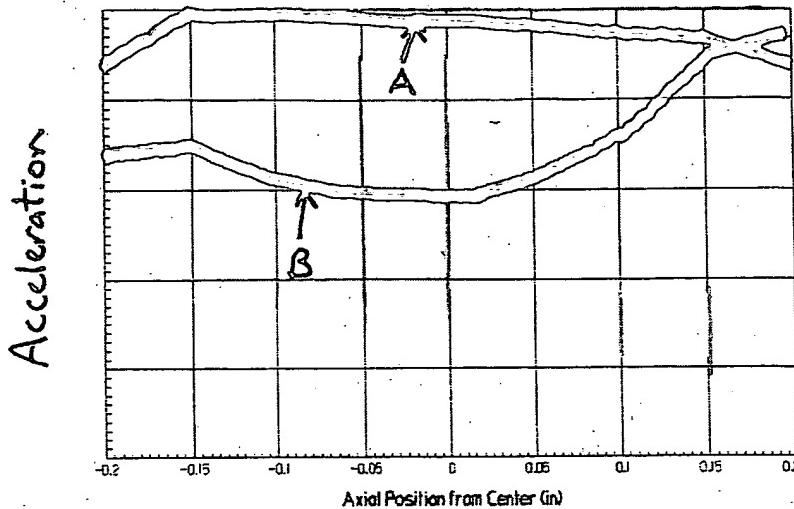


FIG. 5A

Overhung vs. Underhung Magnet, Force vs. Position

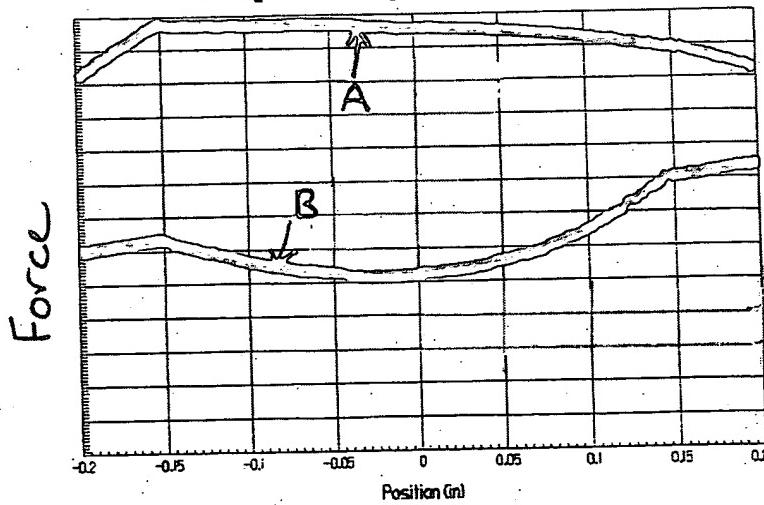


FIG. 5B

Overhang vs Underhang Magnet, Zero Power Detent Force vs. Position

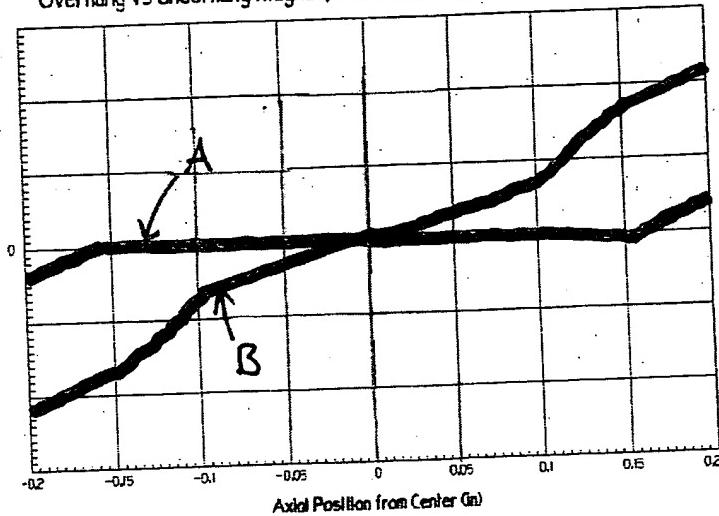


FIG. 5c

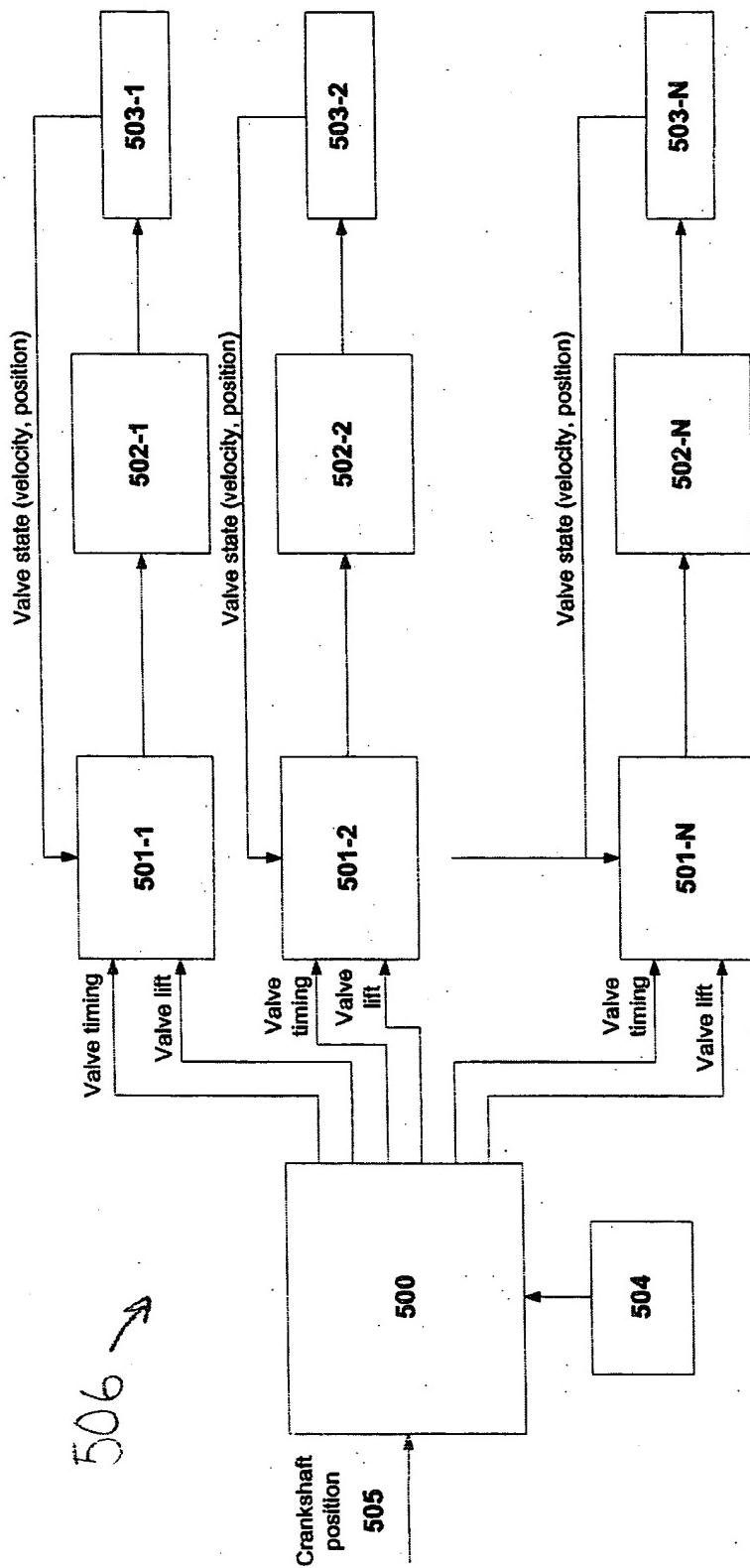


Figure 6

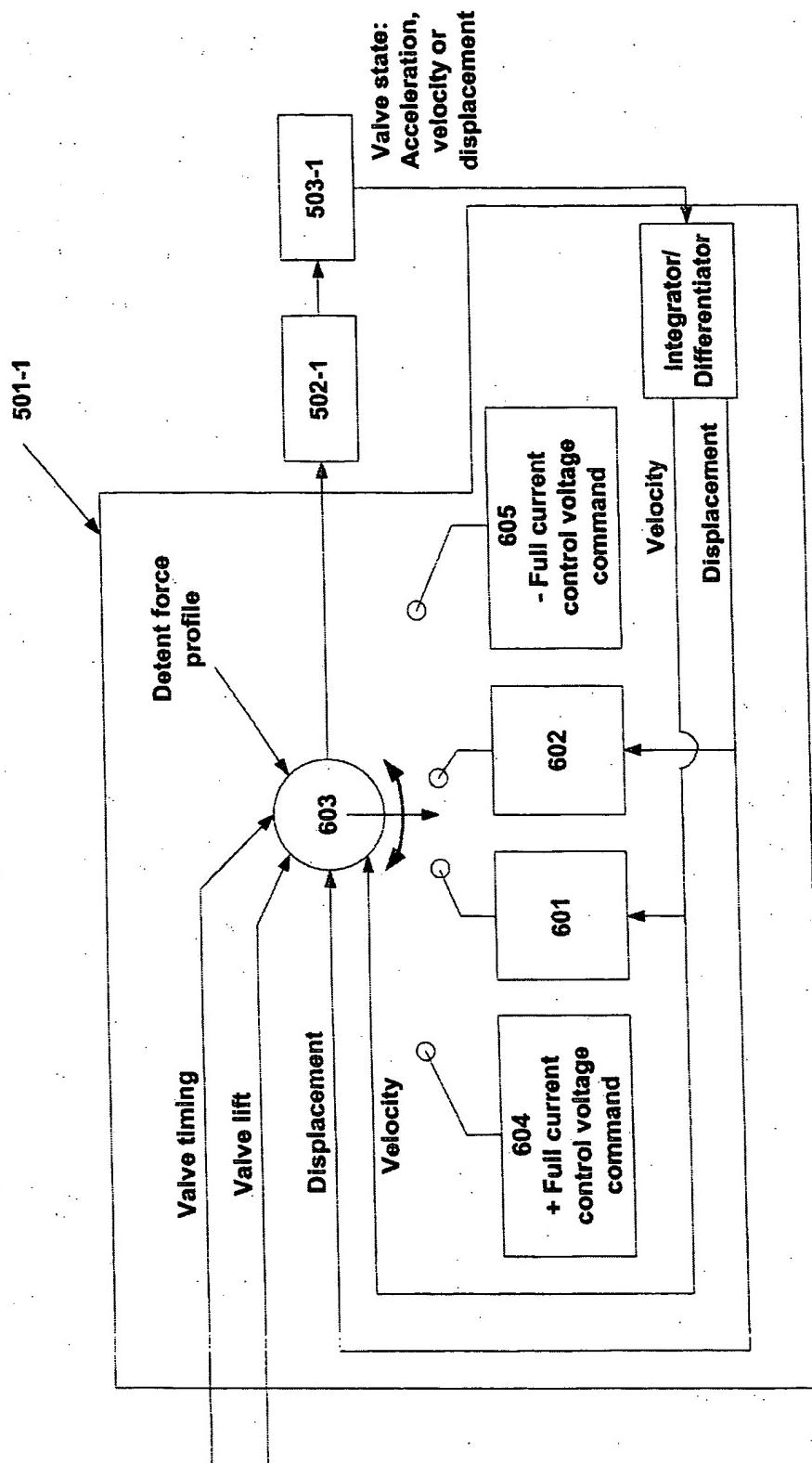


Figure 7

Figure 8

